ESTIMATES.

1.

DRAINING OF BOGS.

ESTIMATE of the SUMS that will be necessary to complete the Surveys of the Districts already given in charge by the Commissioners appointed to enquire into the nature and extent of the several BOGS in *Ireland*, and the practicability of draining and cultivating them; and of the further Sums that would be necessary for completing the Surveys of such other Districts, as the Commissioners are disposed to recommend.

TO complete two Districts on the river Suck, given in charge 26 November 1810, to Mr. Richard Griffiths, junr - about £.	500 — —	
To complete one District in County of Roscommon, given in charge 26 November 1810, to Mr. Longfield - - - about	200 — —	
To complete the District of Lough Neagh, and rivers Bann and Blackwater, given in charge 8 March 1811, to Mr. Townshend, - - - - - - - - - - - - - - - about	1,000 — —	
To complete one District in the County of Roscommon, given in charge 11th June, 1811, to Mr. Edgeworth - - - about	500 — —	
To complete a large District in the County of Galway, given in charge 14 May 1811, to Mr. Jones - - - about	300 — —	
To complete one District in the County of Tipperary, given in charge 9 July 1811, to Mr. Aher - - - - - about	300 — —	
To complete two Districts in the County of Mayo, given in charge 22 May 1810, to Mr. Bald - - - - - - -	900 — —	
To complete two Districts in the County of Kerry, given in charge 11 June 1811, to Mr. Nimmo - - - - - -	1,360 — —	
Miscellaneous Expenses, the nature of which it is impossible to foresee—say 10 per cent. - - - - - - - -	500 — —	
Establishment for One Year - - - - - - - -	400 — —	
To complete the Districts already given in charge - -		5,900 — —
ESTIMATE of the Sums that will be necessary to complete such further Districts as the Commissioners recommend.		
Supposed probable Expense of making general Surveys in the North-west of Ireland, principally in the Counties of Donegal, Tyrone, and Londonderry, and in Connemara in County Galway - - - - - - - -		1,500 — —
Supposed probable Expense for which the trigonometrical connection of the Districts recommended by the Commissioners, might be effected - -		1,500 — —
		8,900 — —

IT must be observed, that the above Estimates are, of the Sums that would be required from the present time, and exclusive of the Sum of £. 3,763. 17. 0½. being the Balance at the disposal of the Commissioners on the 5th January 1812, nearly the whole of that Sum having been since expended.

IN furnishing the foregoing Estimate, we feel it necessary to observe, that it is impossible to form an Estimate in detail, of the Expenses attendant on the execution of Works of this nature, or to ascertain

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ascertain by any previous calculation, the cost of surveying Districts of unascertained contents, and under widely different circumstances, in Counties of many of which there are not even any Maps entrusted to different Engineers, proceeding on various principles, all requiring a period of many months for each Survey, and advancing with greater or less rapidity of execution.

We think it right further to accompany these Estimates with the following general view of the extent of Survey which has already been accomplished.

The two Reports which have been made to Parliament, comprize 233,538 English Acres of Bog; since which we received Reports from our Engineers upon Six Districts, containing about 196,000 English Acres.

In about two months we expect Reports upon a further extent of about 184,000 English Acres. Mr. Richard Griffith, junior, has also completed the general Field Surveys of the Bogs in the North-west of Mayo, containing about 100,000 English Acres, and which he expects to be able to report upon in a very short time.

Exclusive of the above, we have given in charge to eight Engineers, Districts comprizing as nearly as the Board (upon imperfect data) can now estimate, about 270,000 English Acres, comprizing many of the most important subjects of enquiry within the object of our Commission.

It would be difficult to estimate the proportion of progress made in these last 270,000 Acres, but we are satisfied that considerably more than half of the total labour and cost required for their completion, has been already incurred.

To complete the objects of our Commission, we are of opinion that it will be desirable to make some general Surveys in the North-west of Ireland, principally in the Counties of Donegal, Tyrone and Derry, and also in Cunnemara, in the County of Galway. We should not propose to execute these latter Surveys in the same laborious and consequently expensive detail as those hitherto given in charge. Whilst the general nature of the subject continued so much unknown, minute examinations were indispensable; but as soon as the nature and properties of the numerous and extensive Bogs, which we have already given in charge, shall have been reported upon, and when all the principles of draining and reclamation shall have been at large developed, a more cursory view of the remaining subjects will enable the persons interested to apply those principles as each particular case may require.

If our Commission is to be confined to the execution of the Districts already given in charge, we are of opinion they may be completed within the time limited for our continuance; but after such accurate Surveys shall have been accomplished, embracing so large a proportion of this Island, it appears to us to be worthy of consideration, whether it would not be expedient to connect trigonometrically, such Districts as lie near each other, if it should appear feasible at a moderate expense; and we are of opinion that a sum of from £. 1,000 to £. 1,500 and the period of another year in addition to the time now limited for the duration of our Commission, would enable us to connect at least the several Districts lying between lines drawn from Howth Head to Sligo, and Wicklow Head to Galway, including, as we (in our first Report) observed, Seventeen-twentieths of all the Bogs in Ireland.

Ch. Vallancey.
J. Leslie Foster.
Hans Blackwood.
William Gore.
Richard Griffith.

Dublin Society House,
February 25, 1812.

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2.

TREASURY INCIDENTS.

ESTIMATE of the probable Expense to be incurred under the Head of TREASURY INCIDENTS in *Ireland*; for One year, to the 5th January 1813.

Salaries, Coals, Candles, and other incidental Expenses - - - - -	£. 4,000 — —

Four thousand Pounds Irish Currency.

Treasury Chambers, Dublin, 7th February 1812.

James Crofton.

3.

HOWTH HARBOUR.

ESTIMATE of the probable Sum of MONEY which will be wanted for the Works of the New Harbour of *Howth*; in the year 1812.

To 100,000 Tons of Large Rubble Stone, at 6/ per Ton - - - - -	£. 30,000 — —
To 60,000 Cubic Feet of Granite in large Blocks, for Inside Wall of Outer Pier - - 4/	15,000 — —
	£. 45,000 — —

London, February 14, 1812.

John Rennie.

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(Ireland.)

ESTIMATES:

viz.

1.—Commissioners for draining, &c. the Bogs in *Ireland.*
2.—Treasury Incidents in *Ireland.*
3.—Howth New Harbour.

Ordered, by The House of Commons, *to be printed,*
3 *March* 1810.

94.

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